

**MILWAUKEE COUNTY
PROCUREMENT DIVISION**

**SPECIFICATION NO.: 530.26306
EFFECTIVE DATE: 09-25-06**

**MINIMUM SPECIFICATION FOR
TRUCKS (MOTOR VEHICLE)-TWO (2) 67,000 GVW TANDEM AXLE 6 X 6 PATROL TRUCK
CHASSIS (AIRPORT)**

1. SCOPE AND CLASSIFICATION

- 1.1 It is the intent of this bid to describe the minimum requirements for the purchase of two (2) 67,000 POUND GVW TANDEM AXLE 6 X 6 PATROL TRUCK CHASSIS.**

2. CODE OF ETHICS

- 2.1 No person(s) with a personal financial interest in the approval or denial of a contract being considered by a County department or with any agency funded and regulated by a County department may make a campaign contribution to any County official who has approval authority over that contract during its consideration. Contract consideration shall begin when a contract is submitted directly to a County department or to an agency until the contract has reached final disposition, including adoption, county executive action, proceedings on veto (if necessary) or departmental approval. This provision does not apply to those items covered by Section 9.15 unless an acceptance by an elected official would conflict with this section.**

3. DOCUMENTS

- 3.1 *Each vendor shall provide two (2) complete bid packages including informational/promotional literature that describes the equipment to be delivered. Failure to provide the promotional literature with the bid will result in rejection***

4. REQUIREMENTS

THE COMPLIANCE SPACE MUST BE COMPLETED THOROUGHLY AND ACCURATELY. IF VENDORS CHECK "NO" TO MEETING ANY OF THE SPECIFICATIONS, THEY MUST INCLUDE A WRITTEN EXPLANATION AND ATTACH IT TO THE BID.

4.1 TANDEM PATROL TRUCK

4.1a ENGINE

- 1. The engine shall be diesel, minimum 370 horsepower @ 2100 RPM, 1450 LB/FT @ 1200 RPM. LEV certified if possible.**
- 2. The engine shall be programmed for five (5) minute shutdown and the idle set at 1000 RPM. The engine shall be equipped with full flow oil filters, oil fill and dipstick and spin-on fuel filter. Oil fill and dipstick shall be located for enhanced serviceability. Single stage dry type air cleaner with snow shutter to draw air under hood. A 12 CFM**

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compressor with 2400 cubic inch reservoir. A Racor 2100, Davco 382F or Alliance fuel heater/separator with sight glass and temperature control to prevent overheating of fuel. Twelve-volt electrical system with heavy-duty Delco 40 MT starter and heavy-duty 145 amp at idle with Delco 22 SI alternator.

3. The vehicle shall be equipped with twelve-volt heavy-duty batteries with a total of 2250 CCA @ 0 degrees F and 400 minute reserve capacity. The battery shall be mounted on the right rail under the cab in a diamond plate battery box with steps.
4. The vehicle shall be equipped with a spin-on coolant water filter, Horton air fan hub, battery shut-off switch and aluminum oil pan.
5. Bid Compliance Yes___ No___

4.1b EXHAUST

1. The exhaust shall be stationary cab mounted, single right-hand vertical exhaust, and clear BOC with safety guard and curved stack.
2. Bid Compliance Yes___ No___

4.1c TRANSMISSION

1. Allison model RDS 4500, five speed automatic with overdrive, oil filter, air to oil cooler or water to oil cooler, fourth gear hold and dash mounted push button shifter.
2. Bid Compliance Yes___ No___

4.1d AXLES

1. Front set back drive axle with a 23,000-pound capacity.
2. Rear axle with a 40,000-pound capacity and rear axle ratio to provide 60 miles per hour with a full load and plow mounted. Rear axle ratio to be confirmed with successful bidder.
3. Bid Compliance Yes___ No___

4.1e BRAKES

1. Vehicle to be equipped with service brakes, dust shields, full air with "S" cam actuators, automatic slack adjusters and air dryer Bendix model AD-IP mounted to the inside or outside of the frame rails.
2. Parking brake to be spring set and be able to hold the vehicle, fully loaded, on an incline. To include an air activated release mechanism.
3. Bid Compliance Yes___ No___

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4.1f SPRINGS/SHOCK ABSORBERS

1. Front springs shall be multileaf, Slipper type, and 24,000-pound capacity with torque rods.
2. Rear suspension shall be walking beam 40,000 pound spring type suspension such as TufTrac or Hendrickson.
3. Bid Compliance Yes___ No___

4.1g STEERING

1. Steering shall be power with dual steering gear boxes.
2. Bid Compliance Yes___ No___

4.1h TIRES

1. Front tires shall be highway tread, Goodyear Unisteel G177, 425/65R22.5, 20 ply, load range L, 20 ply.
2. Rear tires shall be traction tread, Goodyear UnisteelG177, 12R24.5, load range H, 16 ply.
3. Bid Compliance Yes___ No___

4.1i WHEELS

1. Wheels shall be heavy-duty, hub piloted disc type, with approved rating and size for tires and GVW of truck.
2. Bid Compliance Yes___ No___

4.1j CHASSIS

1. Wheelbase of approximately 170" with a useable CT of 108" to provide proper weight distribution for a 13' dump body.
2. Rear axle spacing shall be 54".
3. Front plastic fender extensions
4. Bid Compliance Yes___ No___

4.1k FRAME

1. Heavy-duty single or reinforced frame, heat-treated alloy steel, 110,000 yield. Frame extensions, integral a minimum of 25" ahead of radiator grill or shutters.

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2. The vehicle shall be equipped with a stationary grill. It shall be possible to open the hood and service the engine without removing the plow/plow hitch that will be mounted on the vehicle.
3. Four tow hooks mounted, two front and two rear on ends of frame. "D" rings not acceptable.
4. Bid Compliance Yes___ No___

4.1l FUEL TANK

1. Aluminum step-type fuel tank, one hundred-gallon capacity, mounted to left frame rail under cab door.
2. Two steps shall be mounted to the fuel tank to permit easy access to the cab.
3. The steps to be covered with Bustin Firm Grip or approved safety grating.
4. Bid Compliance Yes___ No___

4.1m COLOR

1. The frame and wheels shall be painted black.
2. The cab shall be painted Chrome Yellow.
3. The interior of the cab shall be gray or tan.
4. Bid Compliance Yes___ No___

4.1n CAB

1. Conventional cab with deluxe interior, high visibility tilt hood, radiator bug/stone guard, access panels, visibility window in passenger door, cab entry assist handles, heavy duty black vinyl floor covering, hanging brake pedal and cab steps to be replaced with Bustin Firm Grip or approved safety grating. Passenger window must be functional.
2. Driver's seat Bostrom Talledga 914, high back, cloth covered with two moveable armrest.
3. Passenger's seat shall be high back, fixed, cloth covered with a left armrest.
4. Driver and passenger seat belts with retractors that comply with federal and state regulations.
5. Instrument panel that includes speedometer, tachometer, ammeter/volt meter, oil pressure, engine temperature, air pressure, fuel level, hour meter and transmission oil temperature gauge or light.
6. Heavy duty fresh air heater and dual defrosters that cover the entire windshield.
7. Electric windshield wipers with washers and intermittent feature. Washer fluid reservoir mounted outside of the cab.

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8. The vehicle shall be equipped with air horn(s).
9. The exterior rear view mirrors mounted on both doors shall be approximately 6" by 16", electrically heated, retractable, with the heated convex portion below the standard mirror.
10. The vehicle shall be equipped with an AM/FM radio with clock.
11. Adjustable tilt steering column.
12. Twelve volt accessory plug.
13. Air conditioning.
14. Bid Compliance Yes___ No___

4.1o ELECTRICAL

1. The vehicle shall have a junction box for body build connections. The exact location of the box shall be determined with the successful bidder.
2. The vehicle shall have automatic reset circuit breakers
3. The vehicle shall be equipped with an auxiliary harness, 3' for auxiliary front headlights and turn signals for front plow.
4. Bid Compliance Yes___ No___

4.1p TRAILER BRAKES

1. Electric trailer brake accommodation package run to the end of the frame.
2. Bid Compliance Yes___ No___

4.2 DIAGNOSTIC SOFTWARE

4.2a PROGRAM

1. The bidder will quote the most current diagnostic program for the engine supplied in the chassis. The bid will be for the initial program and need not include any updates, which shall be the responsibility of Milwaukee County.
2. The bid shall be included as an alternative and will not be considered in the award of the chassis.
3. Bid Compliance Yes___ No___

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5. GENERAL SPECIFICATIONS AND INSTRUCTIONS

5.1 NEW EQUIPMENT

- 5.1a** The equipment shall be the current, new and unused model built by the manufacturer. The equipment must be delivered completely assembled and ready for operation at the time of delivery.

5.2 PARTS AND SERVICE

- 5.2a** The vendor must have an authorized parts and service facility within 110 miles of Milwaukee County with a sufficient stock of parts and trained technicians to service the equipment bid.

5.3 MANUALS

- 5.3a** The successful bidder, at delivery, shall provide one (1) complete set of service, parts and operator's manuals which may be written, CD Rom or Micro Fiche that cover the equipment specified. The manuals may be waived if the information is available to Milwaukee County on-line.

5.4 TRAINING

- 5.4a** The successful vendor shall, at a time mutually agreeable with Milwaukee County, provide four (4) hours of training to operators and service technicians covering the operation and maintenance of the vehicle if requested.

5.5 WARRANTY

- 5.5a** The warranty shall start the first day the vehicle is placed in service. The manufacturer shall warrant the entire vehicle, furnished equipment and devices against parts failure or malfunction due to design, construction, installation or errors in assembly of components, defective materials and workmanship. The vendor shall include with the base bid document a warranty statement outlining the base warranty covering the vehicle/equipment bid.
- 5.5b** Should any vehicle in this bid encounter a defect while under warranty, the vendor will be responsible for all costs associated with transporting the vehicle to and from an authorized service facility. The vendor will be required to respond to all warranty requests for service, including picking-up

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of the vehicle, within 24 hours of being contacted by Milwaukee County Fleet Management. All repairs covered under warranty are to be completed on a timely basis.

5.6 ALTERNATIVES AND APPROVED EQUAL

- 5.6a** If the vendor is bidding alternatives, a separate sheet is to be attached outlining each of the alternatives.
- 5.6b** The mention of a particular manufacturer's brand name or number in the specification does not imply that this particular product is the only one that will be considered for purchase. This reference is intended solely to designate the type or quality of merchandise that will be accepted unless otherwise noted.

5.7 DEMONSTRATION

- 5.7a** Milwaukee County reserves the right to request a demonstration of any bidder's proposed equipment prior to issuance of a purchase order.

5.8 PRICE AND DELIVERY

- 5.8a** The price quoted for the equipment must be **NET PRICE DELIVERED**. Any bid modifying or "escalator" clauses will not be considered.
- 5.8b** The vendor shall state the length of time required for delivery to Milwaukee County. Delivery to Milwaukee County must occur within 15 – 20 days after the vendor has received the vehicle from the supplier.

DATE THE VEHICLE WILL BE DELIVERED TO

MILWAUKEE COUNTY_____.